

# Utah Metro Occupational Projections 2000 - 2010

by Occupational Group

	Employment		Annual Job Openings			Hourly Wage		Training Level
	2000	2010	Growth	Replacements	Total	Entry	Average	
<b>Architecture and Engineering Occupations</b>	<b>14,710</b>	<b>17,660</b>	<b>300</b>	<b>320</b>	<b>610</b>			
<b>Architects, Surveyors, and Cartographers</b>	<b>850</b>	<b>1,120</b>	<b>30</b>	<b>20</b>	<b>40</b>			
<i>Architects, Except Naval</i>	<i>390</i>	<i>550</i>	<i>20</i>	<i>0</i>	<i>20</i>			
Architects, Except Landscape and Naval	310	420	10	0	10			Bachelor's degree
Landscape Architects	90	130	0	0	10	\$16.70	\$22.60	Bachelor's degree
<b>Surveyors, Cartographers, and Photogrammetrists</b>	<b>460</b>	<b>560</b>	<b>10</b>	<b>10</b>	<b>30</b>			
Cartographers and Photogrammetrists	80	100	0	0	0	\$13.30	\$20.30	Bachelor's degree
Surveyors	380	470	10	10	20			Bachelor's degree
<b>Engineers</b>	<b>7,590</b>	<b>8,940</b>	<b>140</b>	<b>150</b>	<b>290</b>			
<i>Aerospace Engineers</i>	<i>210</i>	<i>250</i>	<i>0</i>	<i>10</i>	<i>10</i>	<i>\$22.90</i>	<i>\$31.50</i>	<i>Bachelor's degree</i>
<i>Biomedical Engineers</i>	<i>70</i>	<i>100</i>	<i>0</i>	<i>0</i>	<i>10</i>			<i>Bachelor's degree</i>
<i>Chemical Engineers</i>	<i>140</i>	<i>160</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>\$23.90</i>	<i>\$32.10</i>	<i>Bachelor's degree</i>
<i>Civil Engineers</i>	<i>920</i>	<i>1,120</i>	<i>20</i>	<i>20</i>	<i>40</i>	<i>\$19.30</i>	<i>\$27.00</i>	<i>Bachelor's degree</i>
<i>Computer Hardware Engineers</i>	<i>750</i>	<i>910</i>	<i>20</i>	<i>10</i>	<i>30</i>	<i>\$19.00</i>	<i>\$29.00</i>	<i>Bachelor's degree</i>
<i>Electrical and Electronics Engineers</i>	<i>1,340</i>	<i>1,480</i>	<i>10</i>	<i>30</i>	<i>40</i>			
Electrical Engineers	550	620	10	10	20	\$22.80	\$32.10	Bachelor's degree
Electronics Engineers, Except Computer	790	850	10	20	20	\$24.70	\$30.40	Bachelor's degree
<i>Environmental Engineers</i>	<i>240</i>	<i>340</i>	<i>10</i>	<i>10</i>	<i>20</i>	<i>\$21.10</i>	<i>\$27.70</i>	<i>Bachelor's degree</i>
<i>Industrial Engineers, Including Health and Safety</i>	<i>1,600</i>	<i>2,070</i>	<i>50</i>	<i>30</i>	<i>70</i>			
Health and Safety Engineers, Except Mining Safety	640	990	40	10	50			Bachelor's degree
Industrial Engineers	970	1,080	10	20	30	\$19.90	\$27.60	Bachelor's degree
<i>Materials Engineers</i>	<i>190</i>	<i>200</i>	<i>0</i>	<i>0</i>	<i>10</i>	<i>\$19.30</i>	<i>\$29.00</i>	<i>Bachelor's degree</i>
<i>Mechanical Engineers</i>	<i>1,310</i>	<i>1,490</i>	<i>20</i>	<i>40</i>	<i>60</i>	<i>\$21.10</i>	<i>\$28.80</i>	<i>Bachelor's degree</i>
<i>Petroleum Engineers</i>	<i>50</i>	<i>60</i>	<i>0</i>	<i>0</i>	<i>0</i>			<i>Bachelor's degree</i>
<i>Miscellaneous Engineers</i>	<i>700</i>	<i>700</i>	<i>0</i>	<i>10</i>	<i>10</i>	<i>\$21.60</i>	<i>\$30.00</i>	<i>Bachelor's degree</i>

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

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<b>Drafters, Engineering, and Mapping Technicians</b>	<b>6,270</b>	<b>7,610</b>	<b>130</b>	<b>150</b>	<b>280</b>			
<i><b>Drafters</b></i>	<i><b>1,180</b></i>	<i><b>1,460</b></i>	<i><b>30</b></i>	<i><b>40</b></i>	<i><b>60</b></i>			
Architectural and Civil Drafters	440	560	10	10	30	\$11.60	\$16.60	Vocational
Electrical and Electronics Drafters	250	300	0	10	10	\$13.20	\$20.00	Vocational
Mechanical Drafters	490	600	10	20	30	\$13.10	\$18.90	Vocational
<i><b>Engineering Technicians, Except Drafters</b></i>	<i><b>4,000</b></i>	<i><b>4,660</b></i>	<i><b>70</b></i>	<i><b>80</b></i>	<i><b>150</b></i>			
Aerospace Engineering and Operations Technicians	70	80	0	0	0	\$11.20	\$17.70	Associate degree
Civil Engineering Technicians	390	450	10	10	10	\$13.30	\$18.50	Associate degree
Electrical and Electronic Engineering Technicians	1,950	2,300	40	40	80	\$8.10	\$17.20	Associate degree
Electro-Mechanical Technicians	320	340	0	10	10	\$15.30	\$19.10	Associate degree
Environmental Engineering Technicians	110	160	10	0	10	\$11.80	\$17.10	Associate degree
Industrial Engineering Technicians	660	750	10	10	20	\$12.70	\$19.20	Associate degree
Mechanical Engineering Technicians	400	460	10	10	10	\$14.00	\$19.10	Associate degree
Engineering Technicians, Except Drafters, All Other	120	130	0	0	0			Associate degree
<i><b>Surveying and Mapping Technicians</b></i>	<i><b>570</b></i>	<i><b>790</b></i>	<i><b>20</b></i>	<i><b>20</b></i>	<i><b>40</b></i>	<i><b>\$11.30</b></i>	<i><b>\$14.10</b></i>	<i><b>Moderate OJT</b></i>
<i><b>Drafter, Engineering, &amp; Mapping Technicians, All Other</b></i>	<i><b>520</b></i>	<i><b>700</b></i>	<i><b>20</b></i>	<i><b>10</b></i>	<i><b>30</b></i>			<i><b>Associate degree</b></i>

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